

27.W01.ST25  
SEQUENCE LISTING

<110> Arena Pharmaceuticals, Inc.  
Adams, John W.  
Connolly, Daniel T.

<120> HUMAN G PROTEIN-COUPLED RECEPTOR AND MODULATORS THEREOF FOR THE  
TREATMENT OF ISCHEMIC HEART DISEASE AND CONGESTIVE HEART  
FAILURE

<130> 27.W01

<150> US 60/400,774

<151> 2002-08-01

<160> 12

<170> PatentIn version 3.2

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<212> DNA

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Pro Leu Ser Tyr Pro Leu Ser Phe Gln Val Ser Leu Thr Gly Phe Leu  
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Pro Leu Thr Ile Val Ile Leu Leu Leu Ser Leu Glu Ser Asn Thr Ala  
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Leu Ile Cys Cys Phe His Glu Ala Cys Val Ser Phe Ala Ser Val Ser  
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Val Lys Pro Ala Asn Arg Ile Leu Thr Met Gly Arg Ala Val Met Leu  
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Met Ile Ser Ile Trp Ile Phe Ser Phe Phe Ser Phe Leu Ile Pro Phe  
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Ile Glu Val Asn Phe Phe Ser Leu Gln Ser Gly Asn Thr Trp Glu Asn  
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Lys Thr Leu Leu Cys Val Ser Thr Asn Glu Tyr Tyr Thr Glu Leu Gly  
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Met Tyr Tyr His Leu Leu Val Gln Ile Pro Ile Phe Phe Phe Thr Val  
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Val Val Met Leu Ile Thr Tyr Thr Lys Ile Leu Gln Ala Leu Asn Ile  
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Arg Glu Arg Gln Lys Arg Val Phe Arg Met Ser Leu Leu Ile Ile Ser  
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Thr Phe Leu Leu Cys Trp Thr Pro Ile Ser Val Leu Asn Thr Thr Ile  
Page 5

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Ile His Asn Ser Trp Ile Asp Pro Lys Arg Asn Lys Lys Ile Thr Phe  
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Asn Leu Thr Val Leu Val Leu Tyr Cys Met Lys Ser Asn Leu Ile Asn  
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Ser Val Ser Asn Ile Ile Thr Met Asn Leu His Val Leu Asp Val Ile  
65 70 75 80

Ile Cys Val Gly Cys Ile Pro Leu Thr Ile Val Ile Leu Leu Leu Ser  
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Leu Glu Ser Asn Thr Ala Leu Ile Cys Cys Phe His Glu Ala Cys Val  
100 105 110

Ser Phe Ala Ser Val Ser Thr Ala Ile Asn Val Phe Ala Ile Thr Leu  
115 120 125

Asp Arg Tyr Asp Ile Ser Val Lys Pro Ala Asn Arg Ile Leu Thr Met  
130 135 140

Gly Arg Ala Val Met Leu Met Thr Ser Ile Trp Ile Phe Ser Phe Phe  
145 150 155 160

Ser Phe Leu Ile Pro Phe Ile Glu Val Asn Phe Phe Ser Leu Gln Ser  
165 170 175

Gly Asn Thr Trp Ala Asn Lys Thr Leu Leu Cys Val Ser Thr Ser Glu  
180 185 190

Tyr Tyr Thr Glu Leu Gly Met Tyr Tyr His Leu Leu Val Gln Ile Pro  
195 200 205

Ile Phe Phe Phe Thr Val Ile Val Met Leu Ile Thr Tyr Thr Lys Ile  
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Leu Gln Ala Leu Asn Ile Arg Ile Gly Thr Arg Phe Ser Thr Gly Gln  
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Lys Lys Lys Ala Arg Lys Lys Lys Thr Ile Ser Leu Ala Thr His Glu  
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Thr Thr Asp Met Ser Gln Ser Ser Gly Gly Arg Asn Val Val Phe Gly  
260 265 270

Val Arg Thr Ser Val Ser Val Ile Ile Ala Leu Arg Arg Ala Val Lys  
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Arg His Arg Glu Arg Arg Glu Arg Gln Lys Arg Val Phe Lys Met Ser  
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Leu Leu Ile Ile Ser Thr Phe Leu Leu Cys Trp Thr Pro Ile Ser Val  
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Leu Asn Thr Thr Ile Leu Cys Leu Gly Pro Ser Asp Leu Leu Val Lys  
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Leu Arg Leu Cys Phe Leu Val Met Ala Tyr Gly Thr Thr Ile Phe His  
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